Sheet 1 of 3

FORM PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

**460.2050USU**

Application Number

**09/832,709**

Applicant

**Williams et al.**

Filing Date

**April 11, 2001**

Group Art Unit

**Not Yet Assigned**

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>gm</i>	H1579	8/6/96	Furio	502	402	
	H1732	6/2/98	Johnson	428	68	
	2024145	12/17/35	Cline	167	84	
	3585998	6/22/71	Hayford et al.	128	284	
	3732867	5/15/73	Money	128	290R	
	3948257	4/6/76	Bossak	128	285	
	4525410	6/25/85	Hagiwara et al.	428	198	
	4748978	6/7/88	Kamp	128	156	
	4795482	1/3/89	Gioffre et al.	55	75	
	4826497	5/2/89	Marcus et al.	604	35	
	4911898	3/27/90	Hagiwara et al.	423	1	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
<i>gm</i>	2024930	12/9/71	Germany			Yes

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

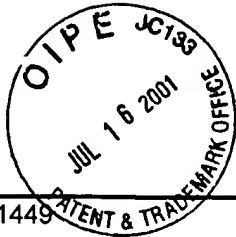
DATE CONSIDERED

*11-302*

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Sheet 2 of 3

FORM PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number (Optional) <b>460.2050USU</b>	Application Number <b>09/832,709</b>
	Applicant <b>Williams et al.</b>	
	Filing Date <b>April 11, 2001</b>	Group Art Unit <b>Not Yet Assigned</b>


**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DSM	4911899	3/27/90	Hagiwara et al.	423	118	
	4985023	1/15/91	Blank et al.	604	360	
	5019062	5/28/91	Ryan et al.	604	359	
	5037412	8/6/91	Tanzer et al.	604	359	
	5122407	6/16/92	Yeo et al.	428	138	
	5290268	3/1/94	Oliver et al.	604	359	
	5306487	4/26/94	Karapasha et al.	424	76.6	
	5342333	8/30/94	Tanzer et al.	604	359	
	5364380	11/15/94	Tanzer et al.	604	359	
	5407442	4/18/95	Karapasha	604	359	
	5429628	7/4/95	Trinh et al.	604	359	

**FOREIGN PATENT DOCUMENTS**

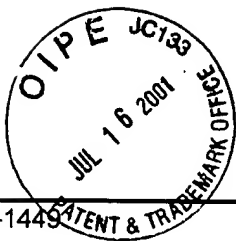
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER 	DATE CONSIDERED <b>11-3-02</b>
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Sheet 3 of 3

FORM PTO-1449

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Docket Number (Optional)

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Application Number

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**Williams et al.**

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Group Art Unit

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## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>lg</i>	5733272	3/31/98	Brunner et al.	604	359	
	5769832	6/23/98	Hasse	604	359	
	5769833	6/23/98	Hasse	604	359	
	5817300	10/6/98	Cook et al.	424	66	
	5944933	8/31/99	Heller et al.	156	276	
	5944704	8/31/99	Guarracino et al.	604	359	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

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EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	<i>11-3-02</i>

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